

**REMARKS**

This Amendment is submitted in reply to Office Action. Applicants respectfully request reconsideration and further examination of the patent application under 37 C.F.R. § 1.111.

Upon entry of the foregoing Amendment claims 1-87 are pending in the application. The amendments are believed to introduce no new matter, and their entry is respectfully requested. Based on the above amendment and the following remarks, Applicants respectfully request that the Examiner reconsider and withdraw all outstanding rejections.

The Action has objected to the abstract of the disclosure and the detailed description regarding minor informalities. As shown above the specification is amended to overcome all of the cited objections. Specifically, Applicants have deleted "A281-91.wpd" from page 164 and have deleted "and" from pg. 20, lines 17 and 20. Applicants have also moved pg. 18, line 26 to pg. 19, line 1, pg. 21, line 26 to pg. 22, line 1, and pg. 29, line 26 to pg. 30, line 1. Claim 29 has been amending to change "b.1" and "b.2" to "c.1" and "c.2", respectively. Claim 39 has been amended to change "separatee" to "separate".

Claim 73 stand rejected under 35 U.S.C. 112, second paragraph, as being indefinite because the Examiner was unable to distinguish from the language "the receiver comprises the step of: a demodulator" whether applicant is claiming a method or an apparatus. Claim 73 has been amended to change "comprising the step of:" to "comprising".

Claim 1, 2, 7, 8, 11, 12, 17, 18, 21, 22, 27, 28, 31, 51, 57-59 and 72 stand rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over cited claims of U.S. Patent No. 6,529,568 and U.S. Patent No. 6,529,568.

Claims 1, 2, 7, 8, 11, 12, 17, 18, 21, 22, 27, 28, 31, 51, 57-59 was rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1, 3, 14, 24-26, 27, 29, 43, 45, and 51 of U.S. Patent No. 6,529,568 in view of Baum et al. (US Patent 6,201,795).

The double patenting rejection has been overcome by the filing of a terminal disclaimer attached herewith.

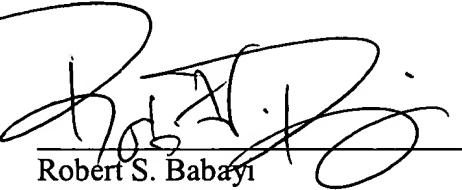
**Conclusion**

In view of the above, it is respectfully submitted that all pending claims are now in allowable condition. Early issuance of a Notice of Allowance is respectfully solicited.

If the Examiner is of the opinion that the prosecution of this application would be advanced by a personal interview, the Examiner is invited to telephone undersigned counsel to arrange for such an interview.

The Commissioner is authorized to charge any fee necessitated by this  
Amendment to our Deposit Account No. 22-0261.

Respectfully submitted,

  
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